

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: James O'Toole and John H. Jannotti
 Serial No.: Unassigned
 For: **METHODS AND APPARATUS FOR MAINTAINING A
 MAP OF NODE RELATIONSHIPS FOR A NETWORK**
 Filing Date: December 29, 2000
 Examiner: Unassigned
 Art Unit: Unassigned

UTILITY PATENT APPLICATION TRANSMITTAL

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

Date: December 29, 2000.

By: J. Scott Southworth
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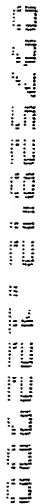
Signature: J. Scott Southworth

BOX PATENT APPLICATION
 Assistant Commissioner for
 Patents And Trademarks
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is a patent application entitled:

**METHODS AND APPARATUS FOR MAINTAINING A MAP
 OF NODE RELATIONSHIPS FOR A NETWORK**



CERTIFICATION OF NON-PUBLICATION OF THIS APPLICATION

THIS APPLICATION HAS NOT AND WILL NOT BE THE SUBJECT OF AN APPLICATION FILED IN ANOTHER COUNTRY OR UNDER A MULTILATERAL INTERNATIONAL AGREEMENT, THAT REQUIRES PUBLICATION OF THE APPLICATION 18 MONTHS AFTER FILING.

Named Inventor(s) / Inventor Address(es) / Inventor Citizenship(s):

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Enclosed is/are:

- [x] Transmittal Letter (this form, 4 Pages, IN DUPLICATE) Total 8 pages
- [x] **CERTIFICATION OF NON-PUBLICATION OF THIS APPLICATION**
- [x] Utility Patent Application Specification including Title of the Invention, Background of the Invention, Summary of the Invention, Brief Description of the Drawings, Detailed Description, 30 Claims (8 Independent, 22 dependent), Abstract of the Disclosure, Total Pages: 79
- [x] Drawings: [x] Formal, [] Informal (Figs: 1, 2, 3A, 3B, 4, 5, 6), Total Sheets: 6
- [x] Newly Executed Oath/Declaration/Power of Attorney, Total Pages: 6
- [x] Assignment Papers (Recordation Cover Sheet 1 Page, Copy of Assignment Document, 6 Pages) Total Pages: 7
- [x] Return Receipt Postage Pre-paid Postcard (in duplicate), Total postcards: 2
- [x] Authorization to charge deposit account, if required.
- [x] Check in the amount of: \$1,330.00, with fee amounts calculated as follows:

CLAIMS	Number Filed	Number Extra	Rate	Calculations
Total Claims	30 - 20 =	10	x \$18	\$ 180.00
Independent Claims	8 - 3 =	5	x \$80	\$ 400.00
Multiple Independent Claims			+ 270 =	\$ 0.00
BASIC FILING FEE =				\$ 710.00
Total of Above Calculations =				\$1290.00
Assignment Recordation Fee =				\$ 40.00
TOTAL FEE FOR THIS PATENT APPLICATION =				\$1330.00

Claim to Benefit of Filing Date of Earlier Filed Application:

This patent application claims the benefit of the filing date of the following earlier filed co-pending provisional patent application:

Provisional Patent Application Serial Number 60/177,985, entitled "**FAST-CHANGING NETWORK STATUS AND LOAD MONITORING AND FEEDBACK**," filed on January 25, 2000, having Attorney Docket No. 2762.2005-000.

2762.2005-000

Please direct all telephone calls and address all correspondence to:

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If the enclosed fees are insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 50-0901.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, Westborough, Massachusetts.

Respectfully submitted,

By: 
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